mhashir

(https://profile.intra.42.fr)

SCALE FOR PROJECT DATA SCIENCE - (/PROJECTS/DATA-SCIENCE-2)

You should evaluate 1 student in this team

★

Git repository

```
git@vogsphere.42abudhabi.ae:vogsphere/intra-uuid-b23414cf-e456-
```

Introduction

- Remain polite, courteous, respectful and constructive
throughout the evaluation process. The well-being of the community
depends on it.

- Identify with the person (or the group) evaluated the eventual
dysfunctions of the work. Take the time to discuss
and debate the problems you have identified.

- You must consider that there might be some difference in how your
peers might have understood the project's instructions and the
scope of its functionalities. Always keep an open mind and grade
him/her as honestly as possible. The pedagogy is valid only and
only if peer-evaluation is conducted seriously.

Guidelines

- Only grade the work that is in the student or group's
GiT repository.

- Double-check that the GiT repository belongs to the student
or the group. Ensure that the work is for the relevant project
and also check that "git clone" is used in an empty folder.

- Check carefully that no malicious aliases was used to fool you
and make you evaluate something other than the content of the
official repository.

- To avoid any surprises, carefully check that both the evaluating
and the evaluated students have reviewed the possible scripts used
to facilitate the grading.

- If the evaluating student has not completed that particular
project yet, it is mandatory for this student to read the
entire subject prior to starting the defence.

- Use the flags available on this scale to signal an empty repository,
non-functioning program, a norm error, cheating etc. In these cases,
the grading is over and the final grade is 0 (or -42 in case of
cheating). However, with the exception of cheating, you are
encouraged to continue to discuss your work (even if you have not
finished it) in order to identify any issues that may have caused
this failure and avoid repeating the same mistake in the future.

- Remember that for the duration of the defence, no segfault,
no other unexpected, premature, uncontrolled or unexpected
termination of the program, else the final grade is 0. Use the
appropriate flag.
You should never have to edit any file except the configuration file if it exists.
If you want to edit a file, take the time to explicit the reasons with the
evaluated student and make sure both of you are okay with this.

- You must also verify the absence of memory leaks. Any memory allocated on the heap must

be properly freed before the end of execution.
You are allowed to use any of the different tools available on the computer, such as
leaks, valgrind, or e_fence. In case of memory leaks, tick the appropriate flag.

Attachments

📄 subject.pdf (https://cdn.intra.42.fr/pdf/pdf/117974/en.subject.pdf)

Mandatory part

Ex00 American apple Pie

Only if you use docker:
Read the code, check that it connects to the Data Warehouse with the docker ports

```
docker-compose ps
```

Run the code and a pie chart should appear

⊘ Yes   ✕ No

Ex01 Initial data exploration

Read the code, check that only the "purchases" data of "event_type" collumn are collected

Run the code and a 3 charts like in the subject should appear

⊘ Yes   ✕ No

Ex02 My beautiful mustache Part 1

Read the code, check that only the "purchases" data of "event_type" collumn are collected

Run the code, check the printing of the mean, median, min, max, first, second and third quartile,
then the display of a box plot amounting the prices of items sold on the site

⊘ Yes   ✕ No

Ex02 My beautiful mustache Part 2

Then a box plot with the average basket price per user

The student must be able to explain the box plots

⊘ Yes   ✕ No

Ex03 Highest Building

Two bart charts must have been generated, they must have the same information as in the subject

⊘ Yes   ✕ No

Ex04 Elbow

An elbow curve should be displayed
The student must be able to explain how many clusters he wants to keep and why

⊘ Yes   ✕ No

Ex05 Clustering

The student must be able to explain the Clustering Algorithms used
It must have the same number of clusters as said in the previous exercise
At least two graphs must be displayed
The student must be able to explain in each group what type of customer is in it

⊘ Yes   ✕ No

Ratings

Don't forget to check the flag corresponding to the defense

✔ Ok

★ Outstanding project

Empty work

🔏 Incomplete work

🗐 Cheat

🏆 Crash

⚠ Concerr

⊘ Forbidden function

Conclusion

Leave a comment on this evaluation (2048 chars max)

Finish evaluation